

**COURSE NUMBER:** FHWA-NHI-139001

**COURSE TITLE:** Integrating Freight in the Transportation Planning Process

Freight transportation issues can be complex and involve many different stakeholders, all of whom have different perspectives on how they view the freight transportation system. The challenge faced by many public-sector transportation planners is how to best incorporate these freight issues and perspectives into the transportation planning process, which will result in a safe and efficient transportation system for both people and goods. This course will provide a better understanding of freight transportation, its stakeholders, and its issues so that public-sector transportation planners will be better able to incorporate freight into their respective transportation planning processes and programs.

**OUTCOMES:**

Upon completion of the course, participants will be able to:

- Identify the stakeholders involved in freight transportation
- Explain the role of different modes in freight transportation
- Describe some trends affecting freight transportation, and their impact on a State's transportation system and communities
- Discuss some of the common issues that prevent freight from being fully incorporated in the planning process
- Identify key resources to help guide statewide and metropolitan freight planning efforts

**TARGET AUDIENCE:**

Transportation planners and freight transportation planners from State DOTs, MPOs, local governments and Federal agencies.

**FEE:** \$270 Per Participant

**LENGTH:** 2.0 Days (CEU: 1.2 Units)

**CLASS SIZE:** Minimum: 20; Maximum: 30

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A list of NHI contacts is located on the inside front cover of this catalog.

**COURSE NUMBER:** FHWA-NHI-139002**COURSE TITLE:** Uses of Multimodal Freight Forecasting in Transportation Planning

This course is an “about” course on freight forecasting and describes different forecasting techniques for facility-specific, metropolitan and statewide needs. The course will identify freight planning questions that are commonly addressed by transportation planners, demonstrate the use and value of different freight forecasting techniques to answer those questions, and review notable practices on freight forecasting techniques used by metropolitan and State transportation agencies. It also provides the participant with a basic understanding of freight transportation practices, the key parameters that influence growth and distribution of freight traffic, and currently available tools and data to forecast future freight traffic.

**OUTCOMES:**

Upon completion of the course, participants will be able to:

- Explain why freight forecasting is important in the transportation planning process
- Discuss the roles of different freight transportation modes
- Describe the economic trends that influence freight growth
- Describe the role of intermodal terminals and their impacts on local traffic
- Identify the impacts that freight has on travel demand forecasts
- Identify publicly and privately available sources of key freight data and understand the data sources' strengths and limitations as they relate to freight forecasting and planning

**TARGET AUDIENCE:**

State and metropolitan planning organization (MPO) officials who are involved in transportation planning and/or forecasting; staff of State and local agencies, including DOTs, MPOs, port authorities, and local jurisdictions, who are involved in the development and management of freight projects and plans; and staff of Federal agencies, including FHWA, FRA, FAA, and other modal agencies that assist State and local agencies involved in transportation and/or freight planning and funding.

**FEE:** \$400 Per Participant**LENGTH:** 3.0 Days (CEU: 1.8 Units)**CLASS SIZE:** Minimum: 20; Maximum: 30**NHI Training Program Manager:** Bud Cribbs • (703) 235-0526 • [bud.cribbs@fhwa.dot.gov](mailto:bud.cribbs@fhwa.dot.gov)**Technical Information:** Bob Gorman • (202) 366-5001 • [robert.gorman@fhwa.dot.gov](mailto:robert.gorman@fhwa.dot.gov)**Technical Information:** Carol Keenan • (202) 366-6993 • [carol.keenan@fhwa.dot.gov](mailto:carol.keenan@fhwa.dot.gov)

This course has been updated to reflect recent changes in the Uniform Act regulations.